

Converting Colors

Hex(4E5656)

Have a look what the booklet for
Hex(4E5656) contains.

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Color

Hex(4E5656)

Conversions

Conversions Part 1

Format	Color
Hex	4E5656
RGB	78, 86, 86
RGB Percent	31%, 34%, 34%
CMY	0.6941, 0.6627, 0.6627
CMYK	0.09, 0.00, 0.00, 0.66
HSL	180°, 5%, 32%
HSV	180°, 9%, 34%
XYZ	8.1494, 8.9472, 10.1016
YIQ	83.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

Format	Color
R_{YB}	78, 82, 86
Decimal	5133910
CIE Lab	35.88, -3.15, -1.09
CIE LCh	36, 3.335, 199.030
Yxy	8.9472, 0.2996, 0.3290
Android (android.graphics.Color)	4283323990 (0xFF4E5656)
YUV	83.6080, 1.1793, -4.9182
Hunter-Lab	29.9118, -3.7138, 0.9154

Details

The Hex color **4E5656** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **564E4E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7F8888**, and **222929** is the 20% darker color. If you saturate the color by 10%, you get **455656**, and if you desaturate by 10%, it is **575656**.

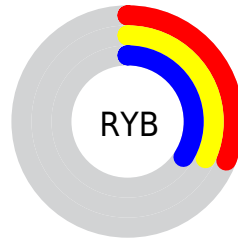
Distribution



Red (31%)

Green (34%)

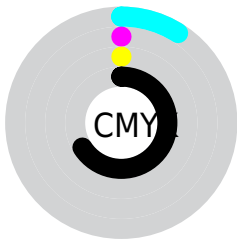
Blue (34%)



Red (31%)

Yellow (32%)

Blue (34%)

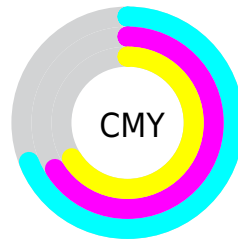


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E5656 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4E5656 by changing the saturation by 10% instead.



4E5656



4E5656

FFFFFF



373F3F



7F8888



222929



99A2A2



0C1515



B4BDBD



000000



CFD9D9



ECF5F5



4E5656



4E5656



455656



575656



3D5656



5F5656

■ 345656

■ 685656

■ 2C5656

■ 705656

■ 235656

■ 795656

■ 1A5656

■ 825656

■ 125656

■ 8A5656

■ 095656

■ 935656

■ 015656

■ 9B5656

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4F5653



4E5656



4F5658

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4E5656



575358



58544F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4E5656



564E4E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5A5350



4E5656



595355

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4E5656



545459



5A5353



5554F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4E5656



505559



5A5353



59544F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4E5656



6D7070



4E564E



363838



B8B8B8



383838

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4E5656



647070



4E5256



272B2B



006B6B



00EBEB

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



564E56



706470



56524E



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 4E5656 looks on a white background.

Color Contrast Check

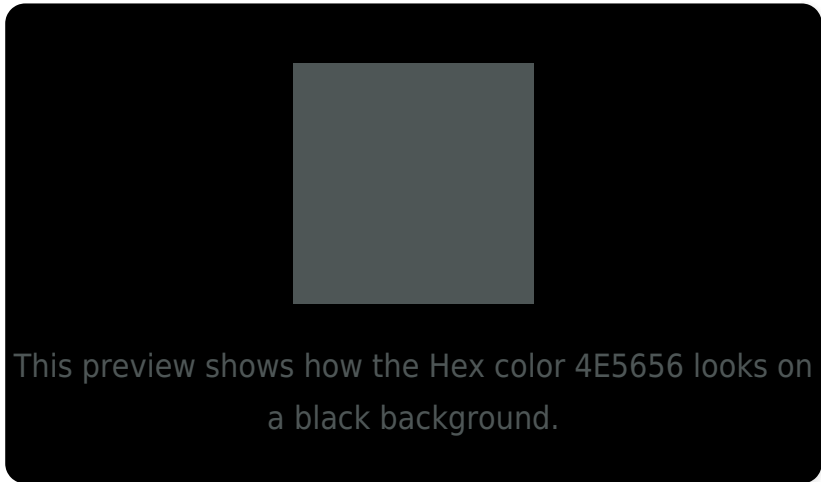
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

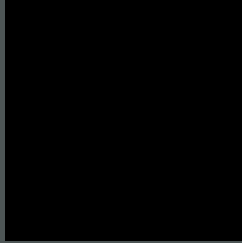
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

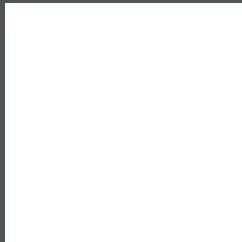
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4E5656 Background



This preview shows how black text looks on a background with the Hex color 4E5656.



This preview shows how white text looks on a background with the Hex color 4E5656.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


4E5656

Protanopia

565455

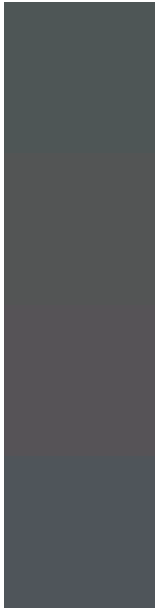
Deuteranopia

5B5257



Tritanopia
4F555C

Trichromacy



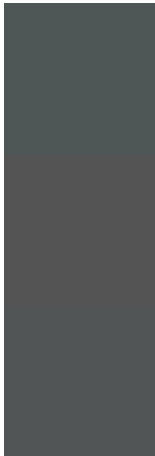
Original Color
4E5656

Protanomaly
535555

Deuteranomaly
565357

Tritanomaly
4F555A

Monochromacy



Original Color
4E5656

Achromatopsia
545454

Achromatomaly
525555

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E5656 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4E5656 looks like.

```
.text, #text, p{  
    color:#4E5656  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4E5656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E5656
}
```

Border

The CSS property to change the border of an element to Hex 4E5656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

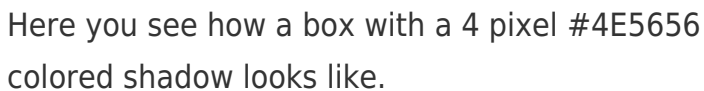
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E5656 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4E5656 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #4E5656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E5656; -webkit-box-shadow:4px 4px  
4px 4px #4E5656; box-shadow:4px 4px 4px  
4px #4E5656 }
```

Background

The CSS property to change the background color of an element to Hex 4E5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E5656 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4E5656 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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